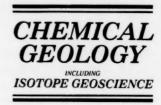


Chemical Geology 123 (1995) 255-256



Contents Volume 123, 1995

VOL. 123, NOS. 1-4

Research Papers	
Helium and carbon geochemistry of hydrothermal fluids from the Mid-Okinawa Trough Back Arc Basin, southwest of Japan	
J. Ishibashi, Y. Sano, H. Wakita, T. Gamo, M. Tsutsumi and H. Sakai	1
Application of isotope dilution for precise measurement of Zr and Hf in low-abundance samples and international reference materials	
by inductively coupled plasma mass spectrometry: implications for Zr (Hf)/REE fractionations in komatiites	
Q. Xie and R. Kerrich	17
The Gabal Gerf complex: A Precambrian N-MORB ophiolite in the Nubian Shield, NE Africa	
M. Zimmer, A. Kröner, K.P. Jochum, T. Reischmann and W. Todt	29
Trace-element and isotopic characteristics of spinel peridotite xenoliths from Saudi Arabia	
J. Blusztajn, S.R. Hart, N. Shimizu and A.V. McGuire	53
Origin of topaz-bearing and related peraluminous granites of the Late Devonian Davis Lake pluton, Nova Scotia, Canada: crystal	
versus fluid fractionation	
J. Dostal and A.K. Chatterjee	67
Petrography and mineral chemistry of the composite Deboullie pluton, northern Maine, U.S.A.: Implications for the genesis of Cu–Mo	0,
mineralization	
P.J. Loferski and R.A. Ayuso	80
The controls on the major- and trace-element evolution of shales, siltstones and sandstones of Ordovician to Tertiary age in the Wet	07
Mountains region, Colorado, U.S.A.	
R.L. Cullers	107
A stable isotope and organic geochemical study of the relationship between the Anthracosia shale and Kupferschiefer mineralization	107
(SE Poland)	
S. Speczik, A. Bechtel, Y.Z. Sun and W. Püttmann	133
Stable isotopic compositions of carbonates from the Mesoproterozoic Bangemall Group, northwestern Australia	155
R. Buick, D.J. Des Marais and A.H. Knoll	152
Sedimentology and geochemistry of carbonates from lacustrine sequences in the Madrid Basin, central Spain	155
	172
J.P. Calvo, B.F. Jones, M. Bustillo, R. Fort, A.M. Alonso Zarza and C. Kendall	1/3
Dii	
Discussion Civit annitis have mately describe the example of Eritain (Aliceted Bostonel). Comments on Comments	
Giant pyritic base-metal deposits: the example of Feitais (Aljustrel, Portugal) — Comments on Comments	102
C.A. Boulter	193
Giant pyritic base-metal deposits: the example of Feitais (Aljustrel, Portugal) — Reply to discussion by Boulter	105
R.W. Hutchinson	195
Isotope Geoscience Section	
Isotope Geoscience Section	
Research Papers	
Rb-Sr study on langbeinite and other salt minerals from a Zechstein diapir in northern Germany	
S. Philippe and U. Haack	199
Application of U-Xe and U-Kr systems for dating U minerals: a key for interpreting discordant U-Pb ages	
J. Eikenberg and V. Köppel	209
A systematic and practical method of liquid chromatography for the determination of Sr and Nd isotopic ratios and REE	
concentrations in geological samples	
C No T Nakana K Tazawa M Sakagawa and T Ito	224

Oxygen and hydrogen isotopic evolution of Variscan crustal fluids, south Cornwall, U.K.	
J.J. Wilkinson, G.R.T. Jenkin, A.E. Fallick and R.P. Foster	. 239
Contents Volume 123, 1995	. 255